

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-17 (Canceled).

Claim 18 (New): An electronic device furnished with magnetic screening having a peak of resonant magnetic losses, wherein the screening comprises at least one inductive winding constituted by at least one segment of metallic wire wound around at least one assembly of magnetic filaments.

Claim 19 (New): A device according to claim 18, wherein the magnetic filaments are sheathed in glass.

Claim 20 (New): A device according to claim 18, wherein a diameter of the metallic wire is comprised between 5 μm and 1 mm, a length of the wire is comprised between 0.001 mm and 20 cm, a surface of a turn is comprised between 0.01 mm^2 and 1 cm^2 , and a number of turns is comprised between 0.5 and 50.

Claim 21 (New): A device according to claim 18, wherein each segment comprises plural superposed windings of metallic wire.

Claim 22 (New): A device according to claim 21, wherein the plural windings are performed in opposite directions.

Claim 23 (New): A device according to claim 18, wherein each segment has a length comprised between 0 and 50 mm, a distance between two neighboring segments being comprised between 0 and 50 mm.

Claim 24 (New): A device according to claim 18, wherein at least two inductive segments of different characteristics are combined.

Claim 25 (New): A device according to claim 18, comprising at least one textile thread without magnetic or electrical properties to ensure keeping the filaments in place.

Claim 26 (New): A device according to claim 18, comprising a non-conductive wire that carries the conductive segments.

Claim 27 (New): A device according to claim 18, wherein conductive wire is conformed, a fixation of the assembly of conductive wire and magnetic filaments being effected by embedding in a resin and sectioning the conductive wire at desired places to produce the inductive segments.

Claim 28 (New): A device according to claim 27, wherein the assembly of conductive wire and magnetic filaments is sectioned with grooves.

Claim 29 (New): A device according to claim 28, wherein the grooves have a depth equal to the diameter of the wire and over a length between 0.1 and 50 mm.

Claim 30 (New): A device according to claim 18, wherein the screening wire is wound on a core of a cable.

Claim 31 (New): A device according to claim 18, wherein at least one layer of screening is disposed on a casing that generates at least one interference according to a polarization, in which the screening wire is structured in each layer so as to attenuate an interference by placing the screening wire parallel to the magnetic field of the interference.

Claim 32 (New): A device according to claim 31, wherein the inductive segments are spaced periodically on the screening wire, their distribution in each screening layer itself also being periodic.

Claim 33 (New): A device according to claim 31 comprising first and second screening layers.

Claim 34 (New): A device according to claim 33, wherein the first screening layer deals with a first polarization and is transparent in the other, and the second screening layer deals with a second polarization, the screening wire of the second layer being regularly sectioned so as to cut off a reflector effect linked to conductivity of the magnetic filaments.